

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"02084721"	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 19:26
L2	5	"02084721"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/09/15 19:26
L3	1	("20050029224").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 19:26
L4	1	("7713369").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 19:41
L5	64	("20010007789"   "20020185684"   "20040009649"   "20040209441"   "20050029224"   "20070020895"   "20070202660"   "20070259528"   "4121334"   "4179324"   "5013681"   "5034343"   "5232870"   "5234535"   "5256581"   "5310446"   "5405802"   "5413951"   "5559043"   "5567654"   "5618739"   "5661333"   "5811348"   "5817368"   "5854123"   "5877070"   "5953622"   "5966620"   "5981400"   "5985412"   "5994207"   "6010591"   "6013563"   "6020252"   "6033974"   "6048411"   "6054363"   "6054370"   "6057212"   "6096433"   "6103597"   "6103599"   "6118181"   "6159323"   "6190998"   "6204079"   "6225190"   "6225192"   "6271101"   "6294478"   "6303468"   "6316333"   "6362077"   "6362082"   "6534380"   "6645831"   "6645833"   "6727549"   "6756285"   "6756286"   "6774010"   "6946365"   "7029548").PN. OR ("7713369").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 19:41

L6	33	("3764411"   "4062034"   "4176372"   "4199384"   "4260663"   "4262299"   "4344985"   "4420765"   "4433469"   "4489103"   "4615908"   "4990464"   "5192714"   "5200635"   "5428244"   "5470779"   "5470780"   "5532183"   "5605859"   "5688724").PN. OR ("5817368").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 19:44
L7	78	("3962716"   "4088515"   "4704785"   "4806996"   "5115286"   "5264070"   "5294808"   "5371037"   "5374581"   "5695557").PN. OR ("5981400").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 19:47
L8	107	(l6 or l7)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 20:10
L9	106	l8 not l5	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 20:10
L10	1	("20020048844").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 20:37
L15	43	(US-20080038564-\$ or US- 20060115961-\$ or US- 20050029594-\$ or US- 20050016837-\$ or US- 20040092087-\$ or US- 20020094629-\$ or US- 20020089016-\$ or US- 20020150831-\$ or US- 20030170990-\$ or US- 20090301995-\$ or US- 20030178704-\$ or US- 20050029224-\$ or US- 20020048844-\$.did. or (US- 6362077-\$ or US-6316333-\$ or US-6303468-\$ or US- 6261928-\$ or US-6417075-\$ or US-6171932-\$ or US- 6784494-\$ or US-5374564-\$ or US-6225190-\$ or US- 7459025-\$ or US-7229899-\$ or US-6756286-\$ or US- 4979015-\$ or US-5604156-\$ or US-5279703-\$ or US- 6707106-\$ or US-5854123-\$ or US-5920764-\$ or US- 5966620-\$ or US-5888297-\$ or US-6352909-\$ or US- 7795111-\$ or US-6426270-\$ or US-6759310-\$ or US- 5817368-\$ or US-6774010-\$). did. or (US-3341640-\$ or US- 2959508-\$.did. or (WO- 9935674-\$.did. or (KR- 2004057636-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/09/15 21:22

L16	1	l15 and oxygen with dop\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:22
L17	16	l15 and oxygen with implant\$6	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:22
L19	1864	oxygen with dop\$3 with (silicon or polysilicon) with (oxide or dioxide or "sio. sub.2")	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:24
L20	201	oxygen near3 dop\$3 near3 (silicon or polysilicon) near5 (oxide or dioxide or "sio. sub.2")	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:25
L21	1	(US-20050029224-\$).did.	US-PGPUB	AND	ON	2011/09/15 21:43
L22	1	l21 and weaken\$3 with oxide	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:44
L23	1	l21 and weaken\$3 same oxide	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:45
L24	1	l21 and deposit\$3 same oxide	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:45
L25	1	l21 and deposit\$3 with oxide	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:45
L26	1	l21 and deposit\$3 with oxide and oxide with separa\$4	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:47
L27	1	l21 and deposit\$3 with oxide and oxide with separa\$4 and oxide with poro\$4	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:48
L28	1	l21 and deposit\$3 with oxide and oxide with separa\$4 and oxide same poro\$4	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 21:48
L30	3866	((438/455) or (156/249)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 21:53
L31	1	"20020048844"	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 22:18
S1	1	"20080038564"	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/20 18:20
S2	2	"20080038564"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/20 18:20
S3	72	((MICHEL) near2 (BRUEL)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 09:10
S4	66	((MICHEL) near2 (BRUEL)). INV.	EPO; JPO; DERWENT	AND	ON	2010/01/21 09:10
S5	72	((MICHEL) near2 (BRUEL)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 11:47

S6	34	S5 and (implement\$3 or implant\$3 or bombard\$3 or beam) same heat\$3	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 11:47
S7	68	substrate and superstrate and intermediate and boron and phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 11:48
S8	19	substrate and superstrate and intermediate and boron same phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 11:49
S9	23	(silicon or semiconductor) with wafer and (grind\$3 or machin\$3 or lapp\$3) and foam\$3 adj agent and (releas\$3 or remov\$3 or separat\$3) and boron and phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 12:14
S10	2	("20080038564"   "6417075").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 12:20
S11	1	"20080011415"	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 12:22
S12	5	"2005034218"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/21 12:25
S13	9	("6127285"   "6417075"   "6465327"   "6809044").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/21 12:30
S14	4	("6127285"   "6417075"   "6465327"   "6809044").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 12:30
S15	13	(US-20080038564-\$ or US-20080011415-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020150831-\$ or US-20020094629-\$ or US-20020089016-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$).did.	US-PGPUB; USPAT	AND	ON	2010/01/21 12:59
S16	1	S15 and (bsg or bpsg or borosilicate or boro-silicate or borophosphosilicate or borophosphosilicate or boro-phosphosilicate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 13:01

S17	4036	foam\$4 and (bsg or bpsg or borosilicate or boro-silicate or borophosphosilicate or boro-phosphosilicate or boro-phospho-silicate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 13:05
S18	122	foam\$4 with (bsg or bpsg or borosilicate or boro-silicate or borophosphosilicate or boro-phosphosilicate or boro-phospho-silicate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 13:05
S19	88	((BERNARD) near2 (ASPAR)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 13:48
S21	23	(S5 or S19) and (implant\$3 or bombard\$3) and (boron or phosphorus or bsg or bpsg or borosilicate or boro-silicate or borophosphosilicate or boro-phosphosilicate or boro-phospho-silicate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/21 14:00
S22	1	("7107706").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/21 15:08
S23	2	"US 20090301995"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/21 19:23
S24	5344	(264/41,51,345,346).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 09:00
S25	14	(US-20080038564-\$ or US-20080011415-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020150831-\$ or US-20020094629-\$ or US-20020089016-\$).did. or (US-6417075-\$ or US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$). did.	US-PGPUB; USPAT	AND	ON	2010/01/22 09:52
S26	1	S25 and thermal adj oxide	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:52
S27	1	S25 and oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:55
S28	72	((MICHEL) near2 (BRUEL)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56
S29	1	S28 and oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56
S30	88	((BERNARD) near2 (ASPAR)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56
S31	1	S30 and oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56
S32	3106	oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56

S33	405	oxid\$5 adj furnace same (silicon or silica) adj oxide	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:56
S34	2	substrate and superstrate and intermediate and boron and phosphorus and oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:57
S35	122	foam\$4 with (bsg or bpsg or borosilicate or boro-silicate or borophosphosilicate or boro- phosphosilicate or boro- phospho-silicate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 09:58
S37	13	(US-20080038564-\$ or US- 20060115961-\$ or US- 20050029594-\$ or US- 20050016837-\$ or US- 20040092087-\$ or US- 20020150831-\$ or US- 20020094629-\$ or US- 20020089016-\$).did. or (US- 6417075-\$ or US-6362077-\$ or US-6316333-\$ or US- 6303468-\$ or US-6261928-\$). did.	US-PGPUB; USPAT	AND	ON	2010/01/22 15:37
S38	12	S37 and ion	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 15:37
S39	1	"19546179"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 15:42
S40	1	silicon and silicized and silicium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 15:46
S41	19	("4638552"   "4710794"   "4784970"   "5051378"   "5071792"   "5073230"   "5223450"   "5238865"   "5597766"   "5665607"   "5710057").PN. OR ("6417075").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 16:03
S42	28	("3993533"   "4227942"   "4255208"   "4727047"   "4861387"   "5397713").PN. OR ("5665607").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 16:31
S43	1	("6784494").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 16:31
S44	10	("20020000554"   "5538904"   "5763288"   "5773151"   "6171932").PN. OR ("6784494").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 16:38

S45	1789	(264/51).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 16:58
S46	942	expand\$4 with vulcaniz\$4 with rubber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 18:06
S47	16	expand\$4 with vulcaniz\$4 with rubber same additive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 18:06
S48	79	expand\$4 with vulcaniz\$4 with rubber and additive with rubber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 18:08
S49	72	expand\$4 with vulcaniz\$4 with rubber and additive with rubber	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 18:08
S51	7319	foam\$3 near3 panel	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 18:11
S52	578	foam\$3 near3 panel with construction	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 18:13
S53	198	foam\$3 near3 panel with construction and heat\$4 with foam\$4	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 18:13
S54	54	foam\$3 near3 panel with construction and heat\$4 with expand\$4	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/22 18:15
S55	25	"0533551"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 18:51
S56	43	"533551"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 18:51
S57	1	("5734564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 18:54
S58	1	("5334564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 18:55
S59	1	("5374564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/22 18:55
S60	1609	(438/458).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/25 09:12

S62	11	("5250460"   "5374564"   "5877070"   "6191007"   "6207005"   "6225192"   "6255195"   "6346458"   "6352909"   "6486008"   "6562703").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/25 09:46
S64	3	"9935674"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 09:59
S65	157	((thermal adj silicon adj oxide) or thermal adj oxide) same oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/26 11:09
S66	2	((thermal adj silicon adj oxide)) same oxid\$5 adj furnace	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/26 11:09
S67	24	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$).did. or (US-3341640-\$ or US-2959508-\$). did. or (WO-9935674-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2010/09/13 13:54
S68	5788	inclusion and dop\$3 and phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S69	2041	inclusion and dop\$3 same phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S70	287	inclusion and dop\$3 same phosphorus and (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S71	256	inclusion and dop\$3 same phosphorus and boron and (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S72	175	inclusion and dop\$3 same phosphorus same boron and (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S73	95	inclusion and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04



S74	95	inclusion and dop\$3 same phosphorus same boron same (bsg or psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:04
S75	95	inclusion and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:05
S78	4	(microbubble or microcavity or micro-bubble or micro-cavity) and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:11
S79	4	("20020022337"   "20060076559"   "20060234486"   "20080038564").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:13
S81	7	transfer\$4 with thin adj film and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:15
S82	513	thin adj film and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:19
S83	53	(thin adj film).ab. and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:20
S84	2	("20080038564"   "20080038564"   "6417075"   "6417075").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:23
S85	0	bsg with bpsg with bsg same similar adj property	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:25
S86	191	bsg with bpsg with bsg same similar	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:25
S87	99	bsg with bpsg with bsg with similar	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:25
S88	4	bsg with bpsg with bsg with identical	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 20:28
S89	735	implantation and dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 21:20
S90	82	implantation same3 dop\$3 same phosphorus same boron same (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 21:20
S91	1	("6319848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/14 21:28

S92	25	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$). did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2011/01/14 23:42
S93	5	S92 and ("p-type" or "n-type")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 23:43
S94	1	(US-6171932-\$).did.	USPAT	AND	ON	2011/01/14 23:52
S95	1	S94 and "n-type" near3 (wafer or si)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 23:53
S96	3540	"p-type" and "n-type" and wafer adj bond\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/14 23:59
S98	797	"p-type" same "n-type" and wafer adj bond\$3 and phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:00
S99	2302	"p-type" same "n-type" and wafer adj bond\$3 and (implant \$6 or inclusion)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:00
S100	659	"p-type" same "n-type" and wafer adj bond\$3 and (implant \$6 or inclusion) and phosphorus	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:00
S101	359	"p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant\$6 or inclusion)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:01
S102	359	"p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant\$6 or inclusion) and (si or silicon)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:01
S103	157	"p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant\$6 or inclusion) same (gas\$4 or hydrogen) and (si or silicon)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:01

S104	157	S103 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant \$6 or inclusion) same (gas\$4 or hydrogen)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:02
S105	53	S103 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant \$6 or inclusion) same (gas\$4 or hydrogen) and (silicate or borosilicate or boro-silicate or phosphosilicate or phospho-silicate)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:07
S106	61	S103 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant \$6 or inclusion) same (gas\$4 or hydrogen) and (silicate or borosilicate or boro-silicate or phosphosilicate or phospho-silicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:07
S107	8	S106 not S105	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:07
S108	61	S103 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant \$6 or inclusion) same (gas\$4 or hydrogen) and ("silicate" or borosilicate or boro-silicate or phosphosilicate or phospho-silicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:10
S109	61	S103 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant \$6 or inclusion) same (gas\$4 or hydrogen) and ("silicate" or borosilicate or "boro-silicate" or phosphosilicate or "phospho-silicate" or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:10
S110	8	S109 not S105	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:10

S111	115	(US-20110008946-\$ or US- 20110006376-\$ or US- 20110006367-\$ or US- 20110003461-\$ or US- 20100304550-\$ or US- 20100291752-\$ or US- 20100289037-\$ or US- 20100252810-\$ or US- 20100229928-\$ or US- 20100224238-\$ or US- 20100200886-\$ or US- 20100136765-\$ or US- 20100112753-\$ or US- 20100087047-\$ or US- 20100081254-\$ or US- 20100041185-\$ or US- 20090261449-\$ or US- 20090246937-\$ or US- 20090246936-\$ or US- 20090246934-\$ or US- 20090223628-\$ or US- 20090181514-\$ or US- 20090179160-\$ or US- 20090170287-\$ or US- 20090170286-\$ or US- 20090142904-\$).did. or (US- 20090140253-\$ or US- 20090137101-\$ or US- 20090130831-\$ or US- 20090117692-\$ or US- 20090115028-\$ or US- 20090111244-\$ or US- 20090104750-\$ or US- 20090098739-\$ or US- 20090098710-\$ or US- 20090098704-\$ or US- 20090098690-\$ or US- 20090093106-\$ or US- 20090093102-\$ or US- 20090081848-\$ or US- 20090042362-\$ or US- 20090038669-\$ or US- 20090021661-\$ or US- 20080318390-\$ or US- 20080290442-\$ or US- 20080286952-\$ or US- 20080283956-\$ or US- 20080280420-\$ or US- 20080265360-\$ or US- 20080261380-\$ or US- 20080237780-\$ or US- 20080237779-\$ or US- 20080217690-\$).did. or (US- 20080203522-\$ or US- 20080203484-\$ or US- 20080166855-\$ or US- 20080164521-\$ or US- 20080128808-\$ or US- 20080128807-\$ or US-	US-PGPUB; USPAT	AND	ON	2011/01/15 00:11
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20080121919-\$ or US-  
20080079024-\$ or US-  
20080078444-\$ or US-  
20070117297-\$ or US-  
20070087492-\$ or US-  
20060266997-\$ or US-  
20060231915-\$ or US-  
20060202105-\$ or US-  
20060197126-\$ or US-  
20060197125-\$ or US-  
20060197124-\$ or US-  
20060197123-\$ or US-  
20060186510-\$ or US-  
20060055003-\$ or US-  
20060043485-\$ or US-  
20060009012-\$ or US-  
20050282356-\$ or US-  
20050282019-\$ or US-  
20050280103-\$ or US-  
20050230676-\$ or US-  
20050229842-\$).did. or (US-  
20050151164-\$ or US-  
20040253458-\$ or US-  
20040241917-\$ or US-  
20040173790-\$ or US-  
20040166612-\$ or US-  
20040142515-\$ or US-  
20040087117-\$ or US-  
20040075143-\$ or US-  
20040075105-\$ or US-  
20040031979-\$ or US-  
20030227013-\$ or US-  
20030170990-\$ or US-  
20030170940-\$ or US-  
20030122210-\$ or US-  
20030038327-\$ or US-  
20030013280-\$ or US-  
20020197803-\$ or US-  
20020056851-\$).did. or (US-  
7339235-\$ or US-6995075-\$  
or US-6833312-\$ or US-  
6774435-\$ or US-6720606-\$  
or US-6686629-\$ or US-  
6653209-\$ or US-6633066-\$  
or US-6566223-\$ or US-  
6191450-\$ or US-6191007-\$  
or US-6171932-\$ or US-  
6127702-\$ or US-5989981-\$  
or US-5814866-\$ or US-  
5501993-\$ or US-5264721-\$).  
did.

S112	49	S111 and "p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant\$6 or inclusion) same (gas\$4 or hydrogen) and ("silicate" or borosilicate or "boro-silicate" or phosphosilicate or "phospho-silicate" or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:11
S113	56	"p-type" same "n-type" same phosphorus and wafer adj bond\$3 and (implant\$6 or inclusion) with (gas\$4 or hydrogen) and ("silicate" or borosilicate or "boro-silicate" or phosphosilicate or "phospho-silicate" or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:18
S114	11	S113 not S112	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:19
S115	792	"p-type" same "n-type" and (implant\$6 or inclusion) with (gas\$4 or hydrogen) and (borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:22
S116	84	"p-type" same "n-type" same (borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.") and (implant\$6 or inclusion) with (gas\$4 or hydrogen)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:23
S117	24	"p-type" same "n-type" same (borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.") and (implant\$6 or inclusion) with (gas\$4 or hydrogen) same ("p-type" or "n-type" or borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:26
S118	10	("20040163699"   "20060205180"   "20070277874"   "20080188011"   "20080070340"   "4379202"   "5985742"   "5350926"   "6048411"   "6146979").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:30
S119	4	S118 and ("p-type" or "n-type" or borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.") and (implant\$6 or inclusion) same (gas\$4 or hydrogen)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:31

S120	6	S118 and ("p-type" or "n-type" or borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:34
S121	43	("20040200520"   "20050000561"   "20070135013"   "20070235074"   "20070277874"   "20080023061"   "20080070340"   "20080160661"   "20080179547"   "20080188011"   "3480473"   "4144096"   "4200472"   "4171997"   "4174451"   "4450316"   "4578526"   "4830038"   "4897123"   "5279682"   "5344500"   "5374564"   "5985742"   "5273911"   "5626688"   "5966620"   "5985742"   "6048411"   "6184111"   "6229165"   "6403877"   "6518596"   "6563133"   "6048411"   "6107213"   "6146979"   "6190937"   "6225192"   "6331208"   "6530653"   "6690014"   "7019339"   "7238622"   "7462774").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:36
S122	24	S121 and ("p-type" or "n-type" or borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:36
S123	1	S121 and ("p-type" borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:36
S124	24	S121 and ("n-type" or borophosphosilicate or phosphosilicate or psg or "p.s.g." or bpsg or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 00:36
S125	26	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2011/01/15 14:34

		or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$). did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did.				
S126	8	S125 and silica\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:34
S127	74	((MICHEL) near2 (BRUEL)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:39
S128	96	((BERNARD) near2 (ASPAR)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:39
S129	9	(S127 or S128) and silica\$3 with dop\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:39
S130	9	(S127 or S128) and (bsg or psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:40
S131	321	ion adj implant\$5 with silica\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:48
S132	120	ion adj implant\$5 with silica\$3 and silica\$3 with dop\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 14:48
S133	3	heat\$3 with (psg or bpsg) same (microcavit\$3 or microdestruct\$3 or dislocation or weaken\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 15:52
S134	35	heat\$3 with (psg or bpsg) same (cavit\$3 or destruct\$3 or bubble or microbubble or microcavit\$3 or microdestruct \$3 or dislocation or weaken\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 15:53
S135	69	heat\$3 with (phosphorus or boron) with silica\$3 same (cavit\$3 or destruct\$3 or bubble or microbubble or microcavit\$3 or microdestruct \$3 or dislocation or weaken\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 15:59
S136	68	S135 not S134	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 15:59
S137	22	("4638552"   "4710794"   "4784970"   "5051378"   "5071792"   "5073230"   "5223450"   "5238865"   "5597766"   "5665607"   "5710057").PN. OR ("6417075").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 16:10
S138	17	S137 and (silica\$3 or oxide or dioxide)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 16:12
S139	0	S137 and (silica\$3 or oxide or dioxide) and (psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 16:12
S140	3	S137 and (silica\$3 or oxide or dioxide) and (phosphorus or boron)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 16:13



S141	5	((karl) near2 (haberger)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:01
S142	11	((andreas) near2 (plettner)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:11
S143	7	S142 not S141	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:11
S144	72711	(silica\$3 or silicon adj (oxide or dioxide)) with (heat\$3 or elevat\$3 adj temperature)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:15
S145	2536	(silica\$3 or silicon adj (oxide or dioxide)) with (heat\$3 or elevat\$3 adj temperature) and (psg or bpsg or phosphosilicate or phosphorus adj (silica\$3 or silicon adj (oxide or dioxide)))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:24
S146	365	(silica\$3 or silicon adj (oxide or dioxide)) with (heat\$3 or elevat\$3 adj temperature) and (psg or bpsg or phosphosilicate or phosphorus adj (silica\$3 or silicon adj (oxide or dioxide))) and separat\$3 with (silica\$3 or silicon adj (oxide or dioxide))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:25
S147	34	(silica\$3 or silicon adj (oxide or dioxide)) with (heat\$3 or elevat\$3 adj temperature) with (expan\$3 or spong\$3 or bubble or cavit\$3) and (psg or bpsg or phosphosilicate or phosphorus adj (silica\$3 or silicon adj (oxide or dioxide)))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:33
S148	21	(silica\$3 or silicon adj (oxide or dioxide)) with heat adj treat \$4 with density and (psg or bpsg or phosphosilicate or phosphorus adj (silica\$3 or silicon adj (oxide or dioxide)))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 17:47
S149	8	((("5071792") or ("5665607") or ("5597766") or ("4784970") or ("5223450") or ("4710794") or ("5238865") or ("5051378")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 17:56

S150	28	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$ or US-5279703-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2011/01/15 19:46
S151	10	S150 and molecular with bond \$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:46
S152	0	bond\$3 with molecular adj adhesion same silicon adj fusion	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:53
S153	0	molecular adj adhesion same silicon adj fusion	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:54
S154	0	molecular adj (wafer or bond \$3 or adhesion) same silicon adj fusion	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:54
S155	28	molecular adj (wafer or bond \$3 or adhesion) same fusion adj (silicon or bond\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:54
S156	12	molecular adj (wafer or bond \$3 or adhesion) same fusion adj (silicon or bond\$3) same silic\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/15 19:56
S157	6	"2004057636"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/24 13:09
S158	27	"557946"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/24 13:09

S159	4	"2002084403"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/24 13:10
S160	1	2002kr-084403	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/24 13:10
S161	30	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$ or US-20030178704-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$ or US-5279703-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/06/20 12:07
S162	9	S161 and cool\$3	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 12:07
S163	30	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$ or US-20030178704-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/06/20 17:27

		4979015-\$ or US-5604156-\$ or US-5279703-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.				
S164	4	S163 and (bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:27
S165	5	S163 and (boron or phosphorus) same glass	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:30
S166	594	((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.") same (SOI or silicon adj on adj insulat\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:43
S167	6	((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.") same (SOI or silicon adj on adj insulat\$3) and (microbubble or microbubbles or micro-bubble or micro-bubbles or microcavit\$3 or micro-cavit\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:44
S168	38	("20030052406"   "20030077867"   "5461243"   "5665613"   "5728624"   "5759898"   "5897362"   "6174820"   "6204546"   "6335231"   "6339232").PN. OR ("6707106").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:53
S169	3	S168 and (((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:53
S170	416	((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.") same (SOI or silicon adj on adj insulat\$3) and (separat\$3 or detach\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:58
S171	73	((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.") same (SOI or silicon adj on adj insulat\$3) and (separat\$3 or detach\$4) same (((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 17:58

S172	32	(US-20090301995-\$ or US-20080038564-\$ or US-20090149005-\$ or US-20050221583-\$ or US-20040166651-\$ or US-20040058555-\$ or US-20040014299-\$ or US-20030234075-\$ or US-20030077885-\$ or US-20020094668-\$ or US-20020022337-\$ or US-20010007789-\$ or US-20060115961-\$).did. or (US-6756286-\$ or US-6809044-\$ or US-6808967-\$ or US-6362077-\$ or US-6335258-\$ or US-6225192-\$ or US-6020252-\$ or US-7229899-\$ or US-6784494-\$ or US-6417075-\$ or US-6261928-\$ or US-6225190-\$ or US-6171932-\$ or US-5374564-\$ or US-5494835-\$ or US-5877070-\$ or US-5362667-\$ or US-5728624-\$ or US-6737337-\$).did. or (WO-2005034218-\$).did. or (FR-2878535-\$ or WO-03103026-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 18:07
S173	30	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$ or US-20030178704-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$ or US-5279703-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/06/20 18:07
S174	20	S172 not S173	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 18:07

S175	0	S174 and (((boron or phosphorus) with glass) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 18:09
S176	6	S174 and (((boron or phosphorus)) or bsg or psg or bpsg or "b.s.g." or "p.s.g." or "b.p.s.g.")	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 18:10
S177	1	("7229899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/20 18:13
S178	57	("20020025604"   "20020153563"   "20020185684"   "20030077885"   "20030134489"   "20030162367"   "20030199105"   "20040144487"   "4028149"   "4254590"   "5242863"   "5300788"   "5374564"   "5400458"   "5405802"   "5559043"   "5811348"   "5854123"   "5877070"   "5909627"   "5920764"   "5953622"   "5966620"   "5993677"   "5994207"   "6013563"   "6020252"   "6048411"   "6054370"   "6071795"   "6103597"   "6103599"   "6127199"   "6146979"   "6150239"   "6190998"   "6225190"   "6225192"   "6271101"   "6303468"   "6323108"   "6323109"   "6346458"   "6362077"   "6513564"   "6534380"   "6593212"   "6607969"   "6727549"   "6756286"   "6770507"   "6946365").PN. OR ("7229899").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/20 18:13
S179	3948	(bsg or psg or bpsg) same (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:27
S180	852	(bsg or psg or bpsg) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:27
S181	353	(bsg or psg or bpsg) with ion adj (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:27
S182	10	(bsg or psg or bpsg) with ion adj (implant\$3 or implantation) with (deform\$6 or defect or bubble or cavity or crack)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:28

S183	167	("20010042827"   "20020047543"   "20030013260"   "20030013314"   "20030029567"   "20030085205"   "20030211705"   "20040036038"   "20040092084"   "20040126993"   "2344138"   "3109100"   "3576685"   "3907616"   "4116791"   "4176003"   "4382099"   "4385946"   "4434036"   "4465529"   "4481229"   "4500563"   "4521441"   "4539217"   "4565588"   "4579618"   "4584026"   "4698104"   "4764394"   "4778561"   "4867859"   "4871421"   "4892753"   "4912065"   "4937205"   "4948458"   "5040046"   "5061838"   "5074456"   "5106827"   "5107201"   "5229305"   "5270250"   "5277751"   "5288650"   "5290382"   "5312778"   "5354381"   "5423945"   "5435881"   "5505780"   "5510011"   "5514603"   "5520209"   "5542559"   "5561072"   "5569363"   "5572038"   "5587038"   "5627435"   "5643838"   "5648701"   "5653811"   "5654043"   "5660895"   "5665640"   "5674321"   "5683517"   "5711812"   "5718798"   "5770982"   "5885358"   "5888413"   "5897713"   "5897752"   "5911832"   "5935077"   "5944942"   "5948168"   "5958140"   "5985742"   "5994207"   "5994236"   "5998933"   "6000360"   "6013567"   "6020592"   "6041735"   "6050218"   "6076483"   "6096661"   "6101971"   "6103599"   "6121161"   "6132552"   "6139697"   "6150628"   "6153524"   "6155090"   "6164241"   "6165376"   "6174450"   "6174743"   "6180496"   "6182604"   "6187110"   "6207005"   "6237527"   "6239553"	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:29
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		"6248642"   "6265328"   "6291313"   "6291939"   "6300643"   "6303519"   "6305316"   "6335536"   "6339297"   "6341574"   "6348126"   "6350697").PN. OR ("6375790"   "6387719"   "6392351"   "6395150"   "6403453"   "6410449"   "6413321"   "6417078"   "6418874"   "6426015"   "6432260"   "6433553"   "6453842"   "6461972"   "6468388"   "6492612"   "6494986"   "6511899"   "6513538"   "6514838"   "6528391"   "6551446"   "6559408"   "6579805"   "6582999"   "6593173"   "6643557"   "6645828"   "6656822"   "6679981"   "6747243"   "6780759"   "6800559"   "6811448"   "6838695"   "6887341").PN. OR ("7166524").URPN.				
S184	53	S183 and (bsg or psg or bpsg or boron or phosphorus)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:29
S185	22	S183 and (bsg or psg or bpsg or boron or phosphorus) same (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:30
S186	2	S183 and ((bsg or psg or bpsg) or glass with (boron or phosphorus)) same (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:32
S187	0	(bsg or psg or bpsg) with (hydrogen or helium) with ion adj (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:51
S188	0	(bsg or psg or bpsg) with (hydrogen or helium) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:52
S189	19	(bsg or psg or bpsg) with (hydrogen or helium or oxygen) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:52
S190	241	doped adj oxide with (implant \$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:59
S191	170	doped adj oxide with (implant \$3 or implantation) and (boron or phosphorus or bsg or psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:59
S192	61	doped adj oxide with (implant \$3 or implantation) same (boron or phosphorus or bsg or psg or bpsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 10:59



S193	2	((("6207005") or ("5374564")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/21 11:04
S194	1	("5714395").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/21 11:21
S195	11	("5250460"   "5374564"   "5877070"   "6191007"   "6207005"   "6225192"   "6255195"   "6346458"   "6352909"   "6486008"   "6562703").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 11:28
S196	167	("20010042827"   "20020047543"   "20030013260"   "20030013314"   "20030029567"   "20030085205"   "20030211705"   "20040036038"   "20040092084"   "20040126993"   "2344138"   "3109100"   "3576685"   "3907616"   "4116791"   "4176003"   "4382099"   "4385946"   "4434036"   "4465529"   "4481229"   "4500563"   "4521441"   "4539217"   "4565588"   "4579618"   "4584026"   "4698104"   "4764394"   "4778561"   "4867859"   "4871421"   "4892753"   "4912065"   "4937205"   "4948458"   "5040046"   "5061838"   "5074456"   "5106827"   "5107201"   "5229305"   "5270250"   "5277751"   "5288650"   "5290382"   "5312778"   "5354381"   "5423945"   "5435881"   "5505780"   "5510011"   "5514603"   "5520209"   "5542559"   "5561072"   "5569363"   "5572038"   "5587038"   "5627435"   "5643838"   "5648701"   "5653811"   "5654043"   "5660895"   "5665640"   "5674321"   "5683517"   "5711812"   "5718798"   "5770982"   "5885358"   "5888413"   "5897713"   "5897752"   "5911832"   "5935077"   "5944942"   "5948168"   "5958140"   "5985742"   "5994207"   "5994236"   "5998933"   "6000360"	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:23

		"6013567"   "6020592"   "6041735"   "6050218"   "6076483"   "6096661"   "6101971"   "6103599"   "6121161"   "6132552"   "6139697"   "6150628"   "6153524"   "6155090"   "6164241"   "6165376"   "6174450"   "6174743"   "6180496"   "6182604"   "6187110"   "6207005"   "6237527"   "6239553"   "6248642"   "6265328"   "6291313"   "6291939"   "6300643"   "6303519"   "6305316"   "6335536"   "6339297"   "6341574"   "6348126"   "6350697").PN. OR ("6375790"   "6387719"   "6392351"   "6395150"   "6403453"   "6410449"   "6413321"   "6417078"   "6418874"   "6426015"   "6432260"   "6433553"   "6453842"   "6461972"   "6468388"   "6492612"   "6494986"   "6511899"   "6513538"   "6514838"   "6528391"   "6551446"   "6559408"   "6579805"   "6582999"   "6593173"   "6643557"   "6645828"   "6656822"   "6679981"   "6747243"   "6780759"   "6800559"   "6811448"   "6838695"   "6887341").PN. OR ("7166524").URPN.				
S197	15	S196 and (bsg or psg or bpsg or (boron or phosphorus) with glass)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:24
S198	2	((("6494986") or ("6939434")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/21 14:37
S199	0	((boron or phosphorus) with glass or bsg or psg or bpsg) with matrix with trap with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:38
S200	8	((boron or phosphorus) with glass or bsg or psg or bpsg) with (matrix or trap) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:38
S201	4	((boron or phosphorus) with glass or bsg or psg or bpsg) with (bubble or cavity) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:40

S202	89	((boron or phosphorus) with glass or bsg or psg or bpsg) with (defect or crack or channel) with (implant\$3 or implantation)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 14:42
S203	6	("2002/0089032").URPN.	USPAT	AND	ON	2011/06/21 15:01
S204	2	((("2003085205") or ("2003013260") or ("6395150") or ("6413321") or ("2003226641") or ("2004166612")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/21 17:33
S205	6	((("20030085205") or ("20030013260") or ("6395150") or ("6413321") or ("20030226641") or ("20040166612")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/21 17:33
S206	10	(implant\$3 or implantation) with oxygen with silicon with (boron or phosphorus or bsg or psg or bpsg) with (trap or defect or bubble or cavity)	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/21 17:43
S207	35	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$ or US-20030178704-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$ or US-5279703-\$ or US-6707106-\$ or US-5854123-\$ or US-5920764-\$ or US-5966620-\$ or US-5888297-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/06/29 16:33
S208	11	S207 and oxygen with oxide	US-PGPUB; USPAT; USOCR	AND	ON	2011/06/29 16:33
S209	1	(US-6756286-\$).did.	USPAT	AND	ON	2011/07/07 12:11

S210	1	S209 and (implant\$3 or implantation) with (hydrogen or oxygen)	US-PGPUB; USPAT; USOCR	AND	ON	2011/07/07 12:11
S211	35	(US-20080038564-\$ or US-20060115961-\$ or US-20050029594-\$ or US-20050016837-\$ or US-20040092087-\$ or US-20020094629-\$ or US-20020089016-\$ or US-20020150831-\$ or US-20030170990-\$ or US-20090301995-\$ or US-20030178704-\$).did. or (US-6362077-\$ or US-6316333-\$ or US-6303468-\$ or US-6261928-\$ or US-6417075-\$ or US-6171932-\$ or US-6784494-\$ or US-5374564-\$ or US-6225190-\$ or US-7459025-\$ or US-7229899-\$ or US-6756286-\$ or US-4979015-\$ or US-5604156-\$ or US-5279703-\$ or US-6707106-\$ or US-5854123-\$ or US-5920764-\$ or US-5966620-\$ or US-5888297-\$).did. or (US-3341640-\$ or US-2959508-\$).did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/07/07 12:41
S212	16	S211 and thermal near3 oxid \$5	US-PGPUB; USPAT; USOCR	AND	ON	2011/07/07 12:41
S213	4	S211 and (blade or knife)	US-PGPUB; USPAT; USOCR	AND	ON	2011/07/07 13:16
S214	1052	oxygen near3 precipitat\$3 with silicon	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/14 19:25
S215	179	oxygen near3 precipitat\$3 with silicon and oxygen near3 precipitat\$3 with (dop\$3 or boron or phosphorus)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/14 19:25
S216	5	oxygen near3 precipitat\$3 with silicon and oxygen near3 precipitat\$3 with (dop\$3 or boron or phosphorus) and (bubble or microbubble or micro-bubble or microcavit\$3 or micro-cavit\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/14 19:26
S217	22	("5374564"   "5877070"   "5994207"   "6150239"   "6352909"   "6812547").PN. OR ("7148124").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/14 19:28
S218	1	("7176528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/14 19:35

S219	65	("4846931"   "5250460"   "5374564"   "5877070"   "5994207"   "6191007"   "6255195").PN. OR ("6352909").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 12:19
S220	47	("4983539"   "5070034").PN. OR ("5250460").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 12:27
S221	19	("5250460"   "5466631"   "5543648"   "5811348"   "5856229"   "5869387").PN. OR ("6211038").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 12:36
S222	26	("5250460"   "5466631"   "5543648"   "5811348"   "5856229"   "5866468"   "5869387"   "5937312"   "5985681"   "6030884"   "6103598"   "6121112"   "6143628").PN. OR ("6426270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 12:46
S223	7	("5250460"   "5371037"   "5374564"   "5476006"   "5854123"   "5856229"   "6143628").PN. OR ("6759310").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 12:58
S224	106	(S219 or S221 or S222 or S223)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 13:03
S225	39	(US-20080038564-\$ or US- 20060115961-\$ or US- 20050029594-\$ or US- 20050016837-\$ or US- 20040092087-\$ or US- 20020094629-\$ or US- 20020089016-\$ or US- 20020150831-\$ or US- 20030170990-\$ or US- 20090301995-\$ or US- 20030178704-\$).did. or (US- 6362077-\$ or US-6316333-\$ or US-6303468-\$ or US- 6261928-\$ or US-6417075-\$ or US-6171932-\$ or US- 6784494-\$ or US-5374564-\$ or US-6225190-\$ or US- 7459025-\$ or US-7229899-\$ or US-6756286-\$ or US- 4979015-\$ or US-5604156-\$ or US-5279703-\$ or US- 6707106-\$ or US-5854123-\$ or US-5920764-\$ or US- 5966620-\$ or US-5888297-\$ or US-6352909-\$ or US- 7795111-\$ or US-6426270-\$ or US-6759310-\$).did. or (US- 3341640-\$ or US-2959508-\$). did. or (WO-9935674-\$).did. or (KR-2004057636-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/09/15 13:57

S226	35	S225 and (glass or oxide or "sio.sub.2" or psg or bpsg or bsg)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/15 13:57
S227	7	((("6127285") or ("6465327") or ("6737337") or ("6756286") or ("6809044") or ("20040014299") or ("20080038564")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 15:31

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	9656	((438/455,458) or (156/249) or (264/41,51,345,346)).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/15 22:26
L33	16	l32 and substrate with superstrate	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:26
L34	2	l32 and (substrate with superstrate).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:26
L35	1	l32 and (extrinsic near3 atom near3 molecule).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:27
L36	4	l32 and ((microcavity or micro-cavity) with (microbubble or micro-bubble)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:28
L37	1	l32 and (ruptur\$3 with intermediate adj layer).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:29
L38	1	l32 and (monocrystalline adj silicon with doped adj silica).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:30
L39	0	l32 and (chemical\$3 and mechanical\$3 and physical\$3 and attack\$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:30
L40	12	l32 and (chemical\$3 and mechanical\$3 and attack\$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/09/15 22:30

**9/ 15/ 2011 10:34:26 PM****H:\ Workspaces\ 10574120.wsp**